



US Army Corps
of Engineers®
New England District

PUBLIC NOTICE

696 Virginia Road
Concord, MA 01742-2751

Date: June 27, 2006
Comment Period Ends: July 28, 2006
File Number: NAE-2006-1859
In Reply Refer To: Michael J. Elliott
Or by e-mail: michael.j.elliott@usace.army.mil

The District Engineer has received a permit application from the applicant below to **conduct work in waters of the United States** as described below. The Corps is soliciting comments on both the project itself and the range of issues to be addressed in the environmental documentation. Full size plans are available for review at the Corps offices located at 696 Virginia Road in Concord, MA.

APPLICANT

Rhode Island Country Club (RICC)

ACTIVITY

RICC will perform activities to improve the playability of the golf course and to restore the Mussachuck Creek aquatic system. The creek will be re-dredged to restore the creek's saltwater marsh system by increasing tidal exchange throughout the system. Other work includes making drainage improvements, cleaning sediment from clogged mosquito control ditches, raising the height of existing cart bridges over the creek and building new bridges, placing fill to reduce ponding and improve the playability of the RICC golf course, placing riprap to stabilize Mussachuck Creek, building bulkheads, decreasing the amount of Phragmites along Mussachuck Creek, creating salt marsh and restoring the anadromous fish run in the creek.

WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed along Mussachuck Creek in Barrington, Rhode Island. The proposed location on the USGS Bristol, RI quadrangle sheet is at lat/long coordinates N41° 43.931' and W71° 19.848'.

AUTHORITY

Permits are required pursuant to:

- ☒ Section 10 of the Rivers and Harbors Act of 1899
- ☒ Section 404 of the Clean Water Act
- ☐ Section 103 of the Marine Protection, Research and Sanctuaries Act).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Michael Elliott at (978) 318-8131, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

ESSENTIAL FISH HABITAT

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH).

This project will impact approximately 6 acres of Essential Fish Habitat (EFH) for haddock (larvae), red hake (larvae, juveniles, adults), winter flounder (eggs, larvae, juveniles, adults), windowpane flounder (eggs, larvae, juveniles, adults), American plaice (larvae, juveniles, adults), Atlantic sea herring (larvae, juveniles, adults), bluefish (juveniles, adults), Atlantic mackerel (eggs, larvae, juveniles, adults), summer flounder (larvae, juveniles, adults), scup (eggs, larvae, juveniles, adults), black sea bass (juveniles, adults), king mackerel (eggs, larvae, juveniles, adults), Spanish mackerel (eggs, larvae, juveniles, adults), and cobia (eggs, larvae, juveniles, adults). This habitat consists of silt and sand. However, the District Engineer has made a preliminary determination that the site-specific adverse effect will not be substantial. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

106 REVIEW COMPLETE

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer.

Pursuant to the Endangered Species Act, the District Engineer is hereby requesting that the appropriate Federal Agency provide comments regarding the presence of and potential impacts to listed species or its critical habitat.

The States of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, License or Assent from State.
- () Permit from Local Wetland Agency or Conservation Commission.
- (X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.


Diane M. Ray
Acting Chief, Permits & Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____

PROPOSED WORK AND PURPOSE

The project involves improving the playability of the RICC golf course and the restoration of the Mussachuck Creek and Nyatt Road marsh areas. The golf course will be improved by eliminating ponded conditions on fairways and tee boxes by improving course drainage. The project will help restore the Mussachuck Creek saltwater marsh habitat by decreasing/eliminating large Phragmites stands and creating new salt marsh. It will improve the fish passage for anadromous fish (blueback herring and alewife) by removing physical barriers and improving water quality. Project partners associated with this proposal include USDA – NRCS, Save The Bay, CRMC, Fish America, Town of Barrington, Barrington Land Conservation Trust, RIDOT, RIDEM Mosquito Control and NOAA – NMFS.

The applicant proposes to maintenance dredge 1770 cubic yards (CY) of sediment from the terminus of Mussachuck Creek west of Washington Road. Shoaling at the mouth of the inlet contributes to limited tidal exchange with the creek system. The sides of the dredged creek channel will be riprapped (95' on the north side and 426' on the south side) to prevent meandering. 185 CY of riprap will be placed below the high tide line. Approximately 7000 CY of sediments will be dredged from the creek east of Washington Road. The excavated sediments will be dewatered onsite and used as fill for re-grading of the driving range adjacent to the Nyatt Road marsh. There is no riprap placed east of Washington Road.

The Nyatt Road marsh located south of Nyatt Road is an estuarine emergent wetland complex. Approximately 400 CY of material will be removed from existing clogged mosquito ditches. The work will help reduce mosquito populations, improve tidal exchange and improve drainage in the area.

There are 13 proposed bulkheads totalling 3590 linear feet. The total fill below the high tide line behind the bulkheads is 930 CY. Also, 3 existing bridges will be rebuilt/elevated and 4 new bridges will be constructed.

Dredging, filling and re-grading in and along the golf course is proposed to improve the playability of the course and to improve the tidal Mussachuck Creek system. The golf course improvement and aquatic restoration project calls for 8100 SF of fill in the water and 3480 SF of fill in the wetlands. There are 108,900 SF of created and planted wetlands. There are 444,300 SF of phragmites to be eliminated/decreased. There are 588,930 SF of salt marsh to be restored. There are 226,500 SF of wetland areas to be excavated to restore the salt marsh.

The work is described on the enclosed plans in 23 sheets entitled "RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT" dated "5-11-06".

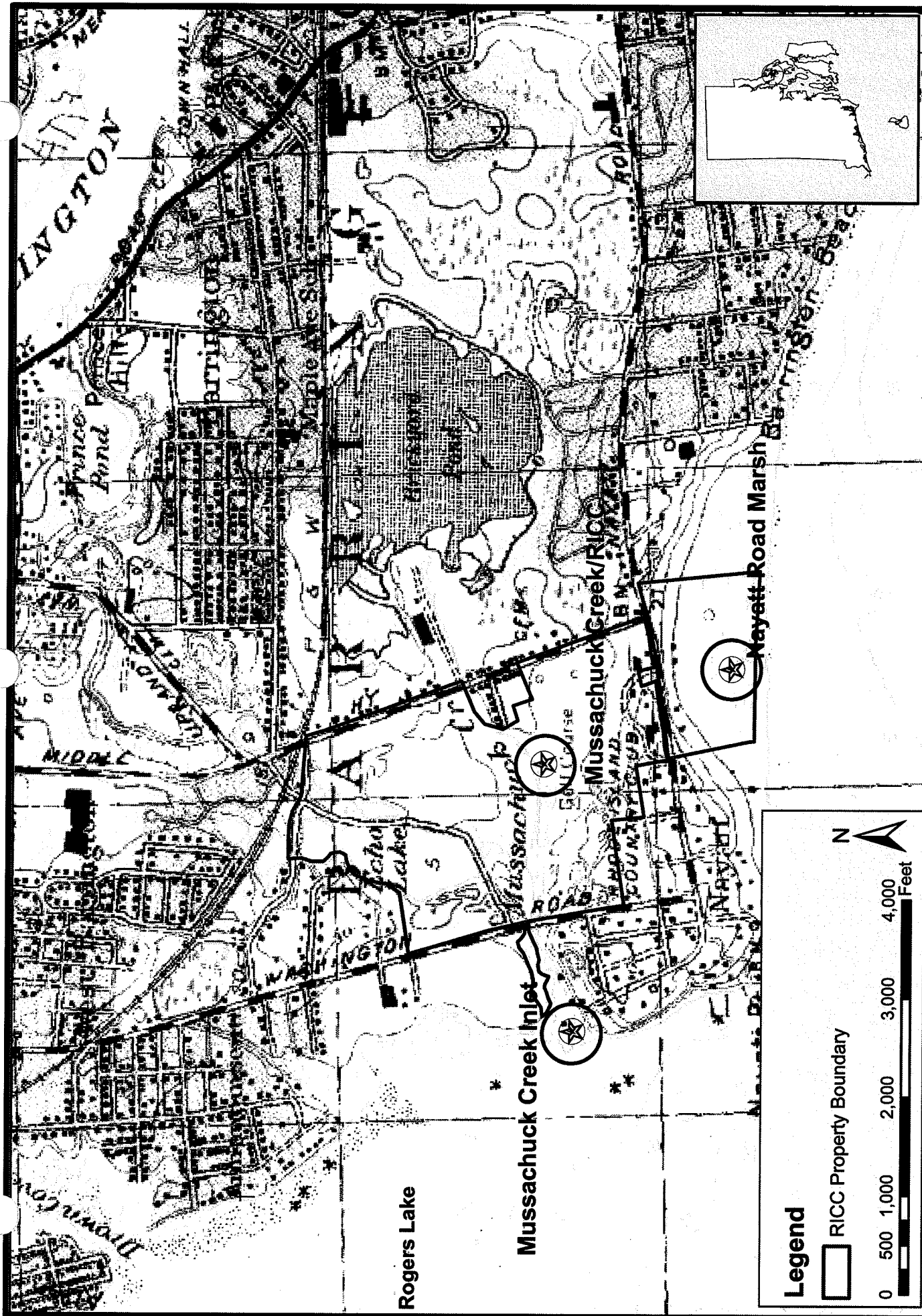


FIGURE 2-1
MUSSACHUCK CREEK SITE LOCUS

PROJECT MGR:
SW

DESIGNED BY:
TT

CREATED BY:
TT

CHECKED BY:
SW

SCALE:
AS SHOWN

DATE:
MAY 2006

PROJECT NO:
6186501

FILE NO:
2-1COURSELOCUS.MXD



Legend



FIGURE 1-3
1997 AERIAL PHOTO

PROJECT MGR:
SW

DESIGNED BY:
TT

CREATED BY:
TT

CHECKED BY:
SW

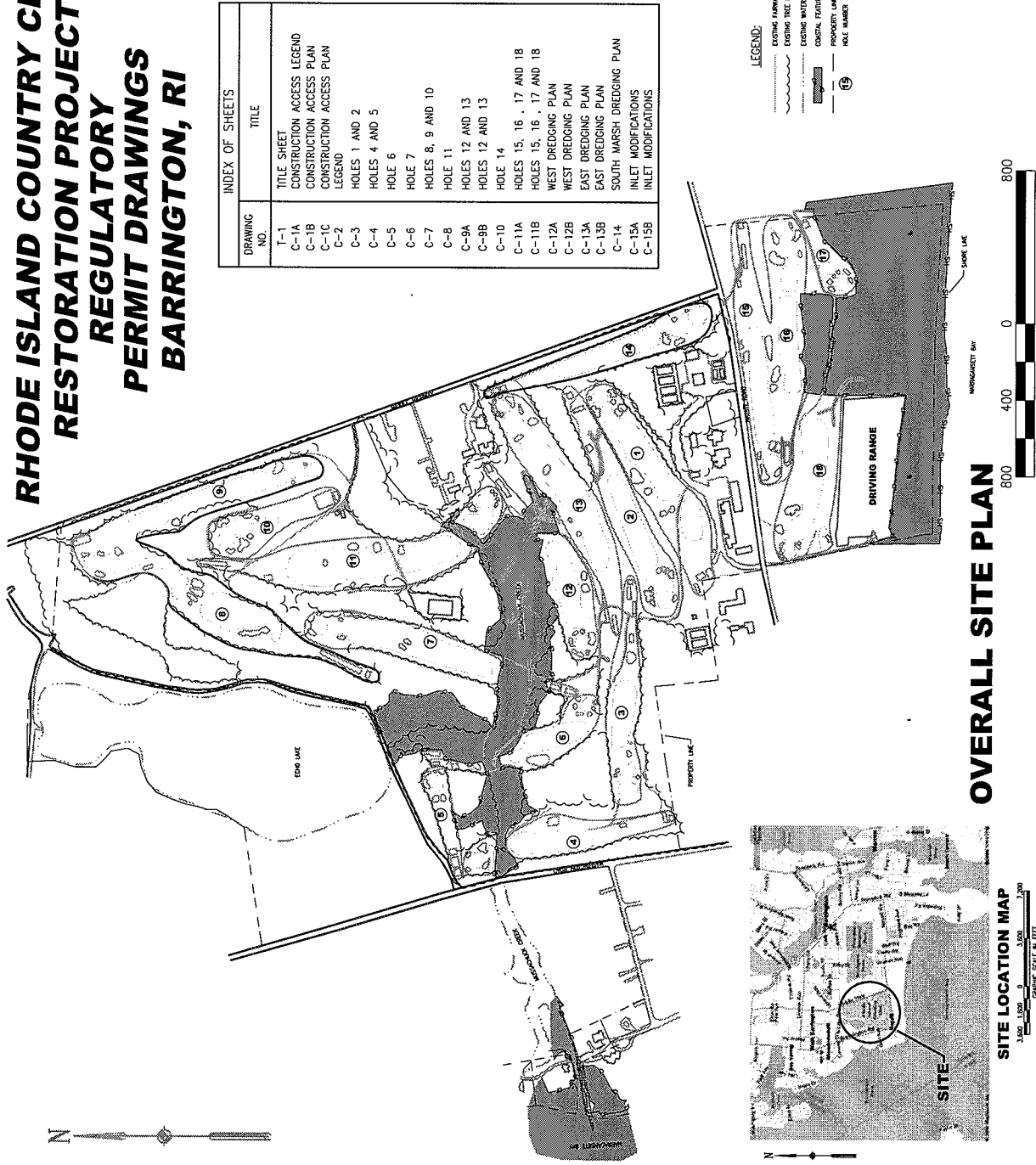
SCALE:
AS SHOWN

DATE:
MAY 2006

PROJECT NO:
6186501

FILE NO:
1-31997.MXD

RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT PERMIT DRAWINGS BARRINGTON, RI



INDEX OF SHEETS	
DRAWING NO.	TITLE
T-1	TITLE SHEET
C-1A	CONSTRUCTION ACCESS LEGEND
C-1B	CONSTRUCTION ACCESS PLAN
C-1C	CONSTRUCTION ACCESS PLAN
C-2	LEGEND
C-3	HOLES 1 AND 2
C-4	HOLES 4 AND 5
C-5	HOLE 6
C-6	HOLE 7
C-7	HOLES 8, 9 AND 10
C-8	HOLE 11
C-9A	HOLES 12 AND 13
C-9B	HOLES 12 AND 13
C-10	HOLE 14
C-11A	HOLES 15, 16, 17 AND 18
C-11B	HOLES 15, 16, 17 AND 18
C-12A	WEST DREDGING PLAN
C-12B	WEST DREDGING PLAN
C-13A	EAST DREDGING PLAN
C-13B	EAST DREDGING PLAN
C-14	SOUTH MARSH DREDGING PLAN
C-15A	INLET MODIFICATIONS
C-15B	INLET MODIFICATIONS

OVERALL SITE PLAN



FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MUSSACHUCC)\GOLF COURSE\CAD\B-SX11_PLANS\6186501_B-SX11.DWG [T-1 (2)]
9/27/06







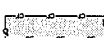




















2350 Post Road
Warwick, RI 02886
(401) 736-3440

**RHODE ISLAND COUNTRY CLUB
RESTORATION PROJECT**
BARRINGTON, RI

TITLE SHEET

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE T-1
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	---------------

LEGEND:

	EXISTING FAIRWAY
	EXISTING TREE LINE
	EXISTING CONTOUR (5' INTERVAL)
	EXISTING WATER OUTLINE
	COASTAL FEATURE
	FRESH WATER WETLAND
	PROPERTY LINE
	FRESH WATER WETLAND
	HOLE NUMBER
	SHALLOW BORING LOCATION (SEE TABLE FOR COORDINATES)
	DEEP BORING LOCATION (SEE TABLE FOR COORDINATES)
	50' SETBACK
	PROPOSED CONSTRUCTION ACCESS ROAD
	LIMIT OF PROPOSED GRADING
	LIMIT OF DISTURBANCE
	PROPOSED TEMOPRAY ACCESS ROAD 
	PROPOSED TEMOPRAY ACCESS ROAD FOR SMALL EQUIPMENT 
	PROPOSED TEMPORARY MARSH ACCESS ROAD 
	PROPOSED TEMPORARY DEWATERING AREA 
	PROPOSED TEMPORARY EQUIPMENT STAGING/MATERIAL STOCKPILE AREA
	PROPOSED TEMPORARY DEWATERING/STOCKPILE AREA

FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MUSSACHUSETTS)\GOLF COURSE\CAD\8-5X11-PLANS\6186501_ACCESS_8.5X11.DWG [C-1
(2)] 6/27/06

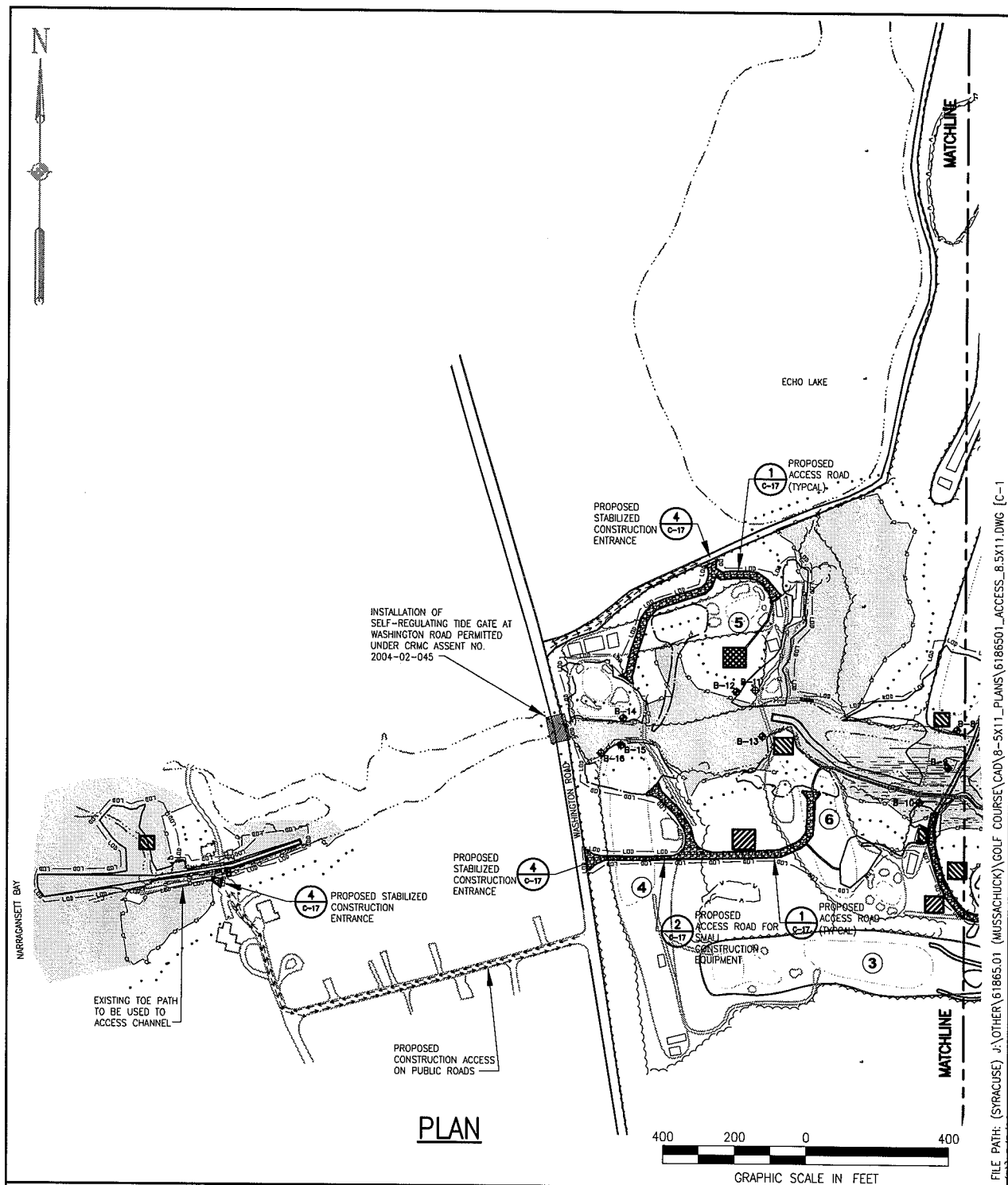


2350 Post Road
Warwick, RI 02886
(401) 736-3440

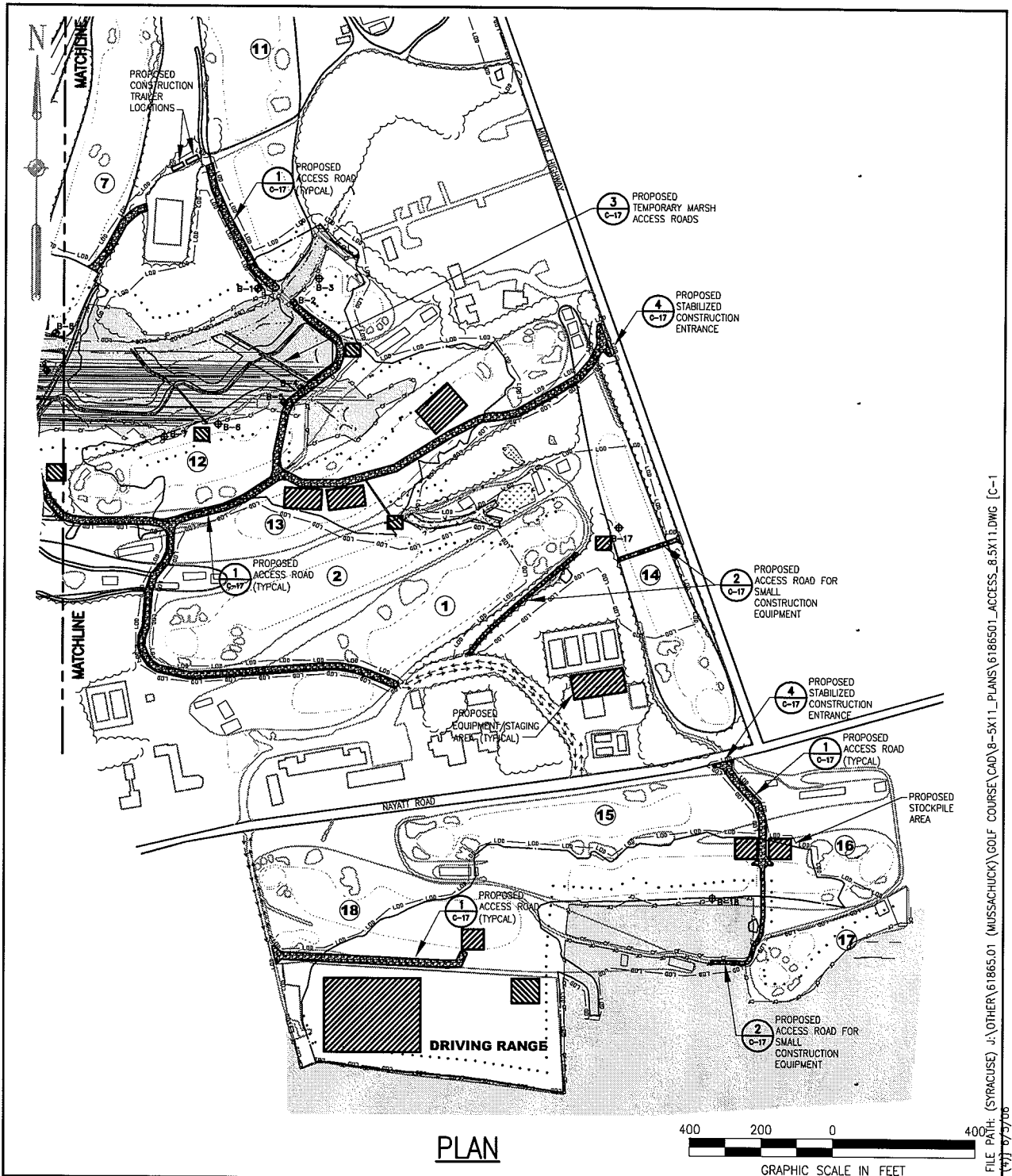
RHODE ISLAND COUNTRY CLUB
RESTORATION PROJECT
BARRINGTON, RI

CONSTRUCTION ACCESS
LEGEND

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-1A
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	----------------



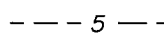

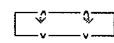
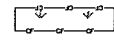


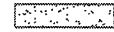
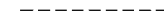
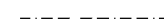

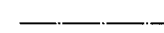
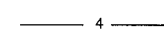
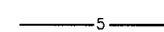
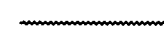



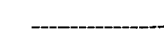

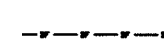

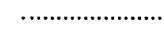
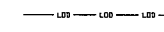



EA [®] 2350 Post Road Warwick, RI 02886 (401) 736-3440		RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI			CONSTRUCTION ACCESS PLAN		
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO	FIGURE
SW	BMS	WEL	TC	AS SHOWN	5-11-06	61865.01	C-1B



EA [®] 2350 Post Road Warwick, RI 02886 (401) 736-3440		RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI			CONSTRUCTION ACCESS PLAN		
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO	FIGURE
SW	BMS	WEL	TC	AS SHOWN	5-11-06	61865.01	C-1C

LEGEND:

	EXISTING FAIRWAY
	EXISTING TREE LINE
	EXISTING CONTOUR (5' INTERVAL)
	EXISTING WATER OUTLINE
	FRESHWATER WETLAND
	COASTAL FEATURE
	PLAYABLE LIMIT OF HOLE
	EXISTING CART PATH
	EXISTING BUNKER
	EXISTING DRAIN PIPE
	PROPERTY LINE
	PROPOSED DRAIN PIPE
	LIMIT OF PROPOSED GRADING
	PROPOSED MINOR CONTOUR
	PROPOSED MAJOR CONTOUR (5' INTERVALS)
	PROPOSED BULKHEAD LOCATION 
	PROPOSED GOLF CART BRIDGE 
	PROPOSED GOLF CART PATH 
	PROPOSED SILT FENCE LOCATION 
	50' SETBACK
	LIMIT OF DISTURBANCE
	COASTAL FEATURE FLAG DESIGNATION

FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MUSSACHUSETTS) GOLF COURSE\CAD\8-5X11_PLANS\6186501_8-5X11.DWG [C-2] 6/5/06

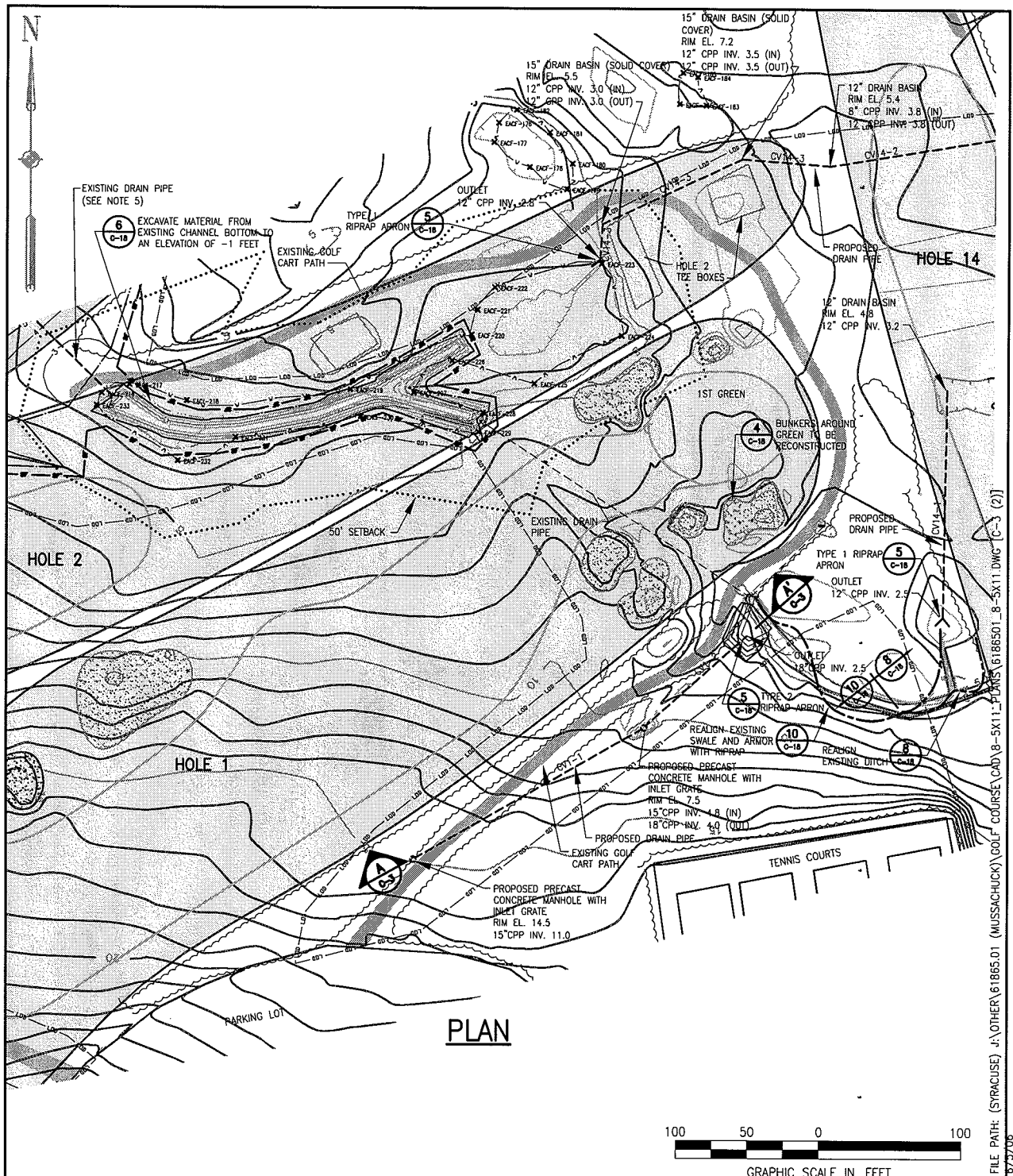


2350 Post Road
Warwick, RI 02886
(401) 736-3440

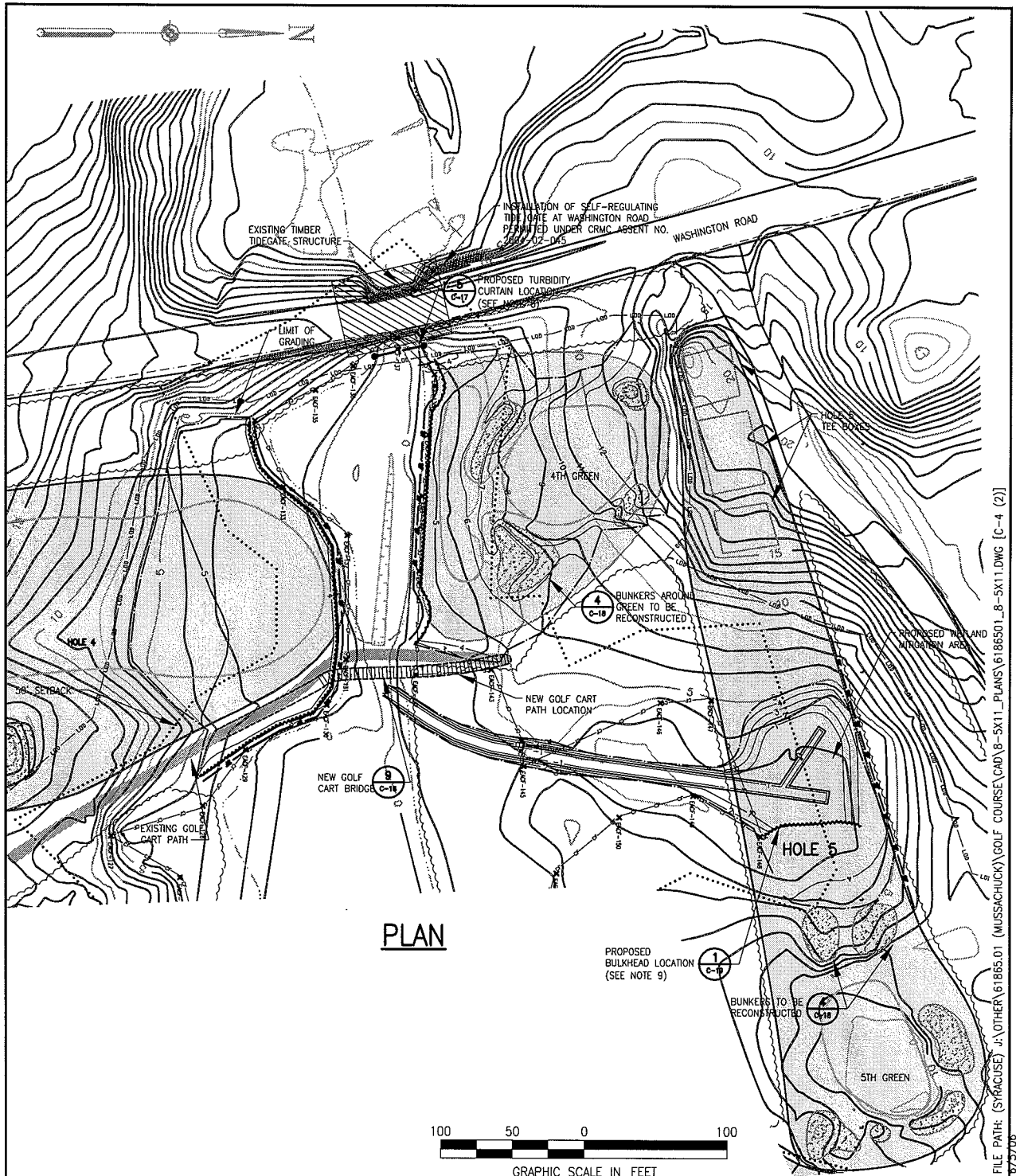
RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI

LEGEND

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-2
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	---------------



EA [®] 2350 Post Road Warwick, RI 02886 (401) 736-3440		RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI			HOLES 1 AND 2		
PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-3

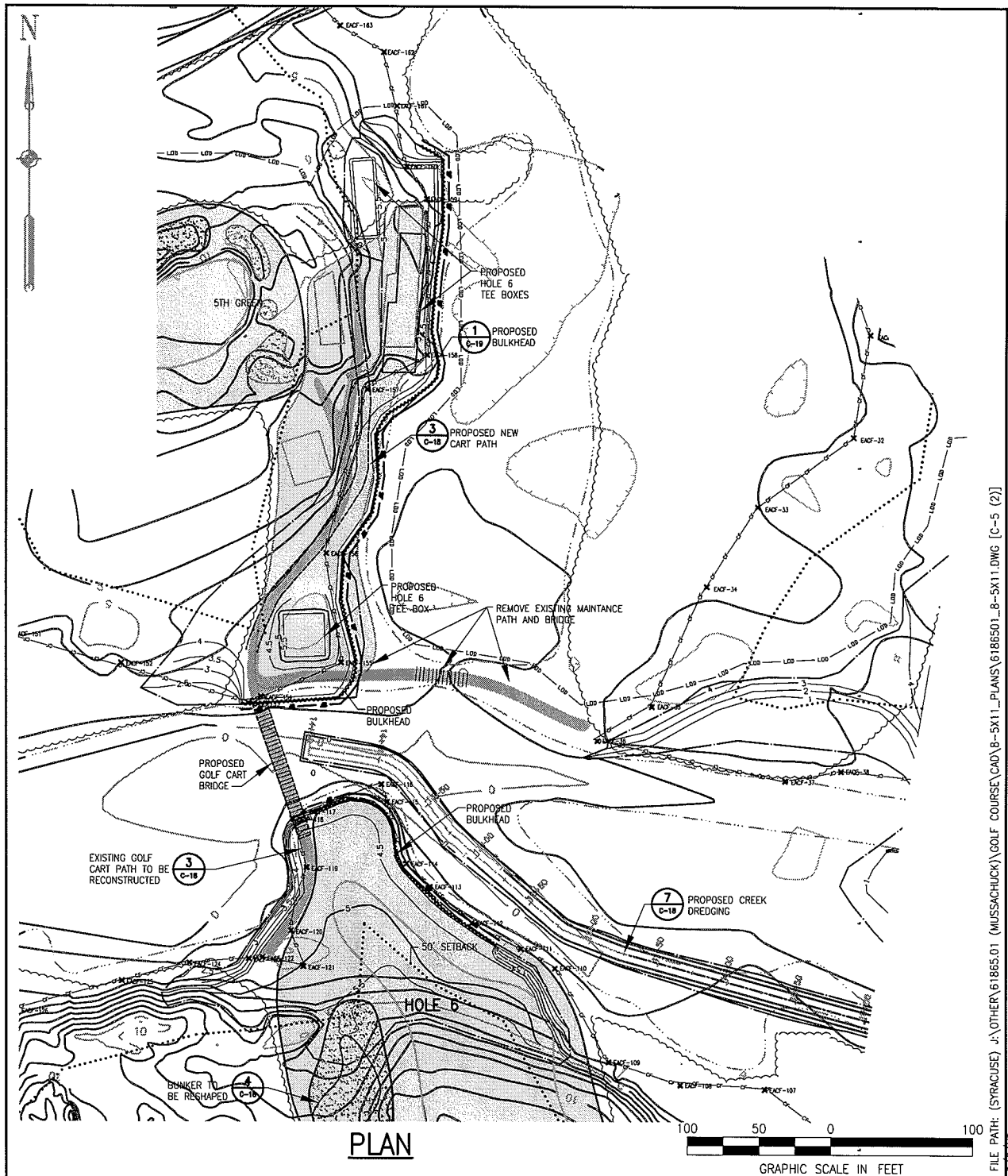


2350 Post Road
Warwick, RI 02886
(401) 736-3440

RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI

HOLES
4 AND 5

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-4
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	---------------

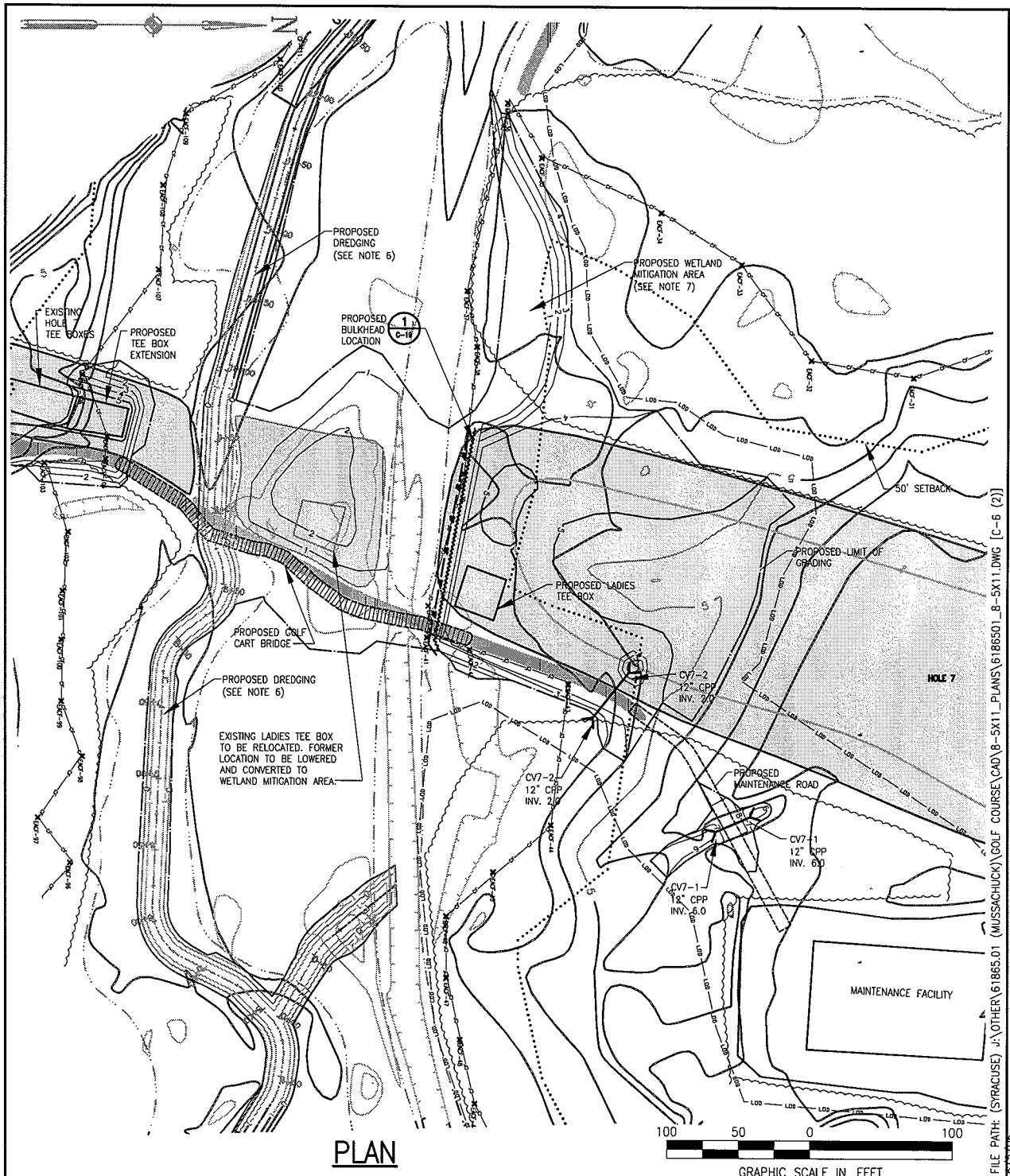


2350 Post Road
Warwick, RI 02886
(401) 736-3440

RHODE ISLAND COUNTRY CLUB
RESTORATION PROJECT
BARRINGTON, RI

HOLE 6

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-5
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	---------------

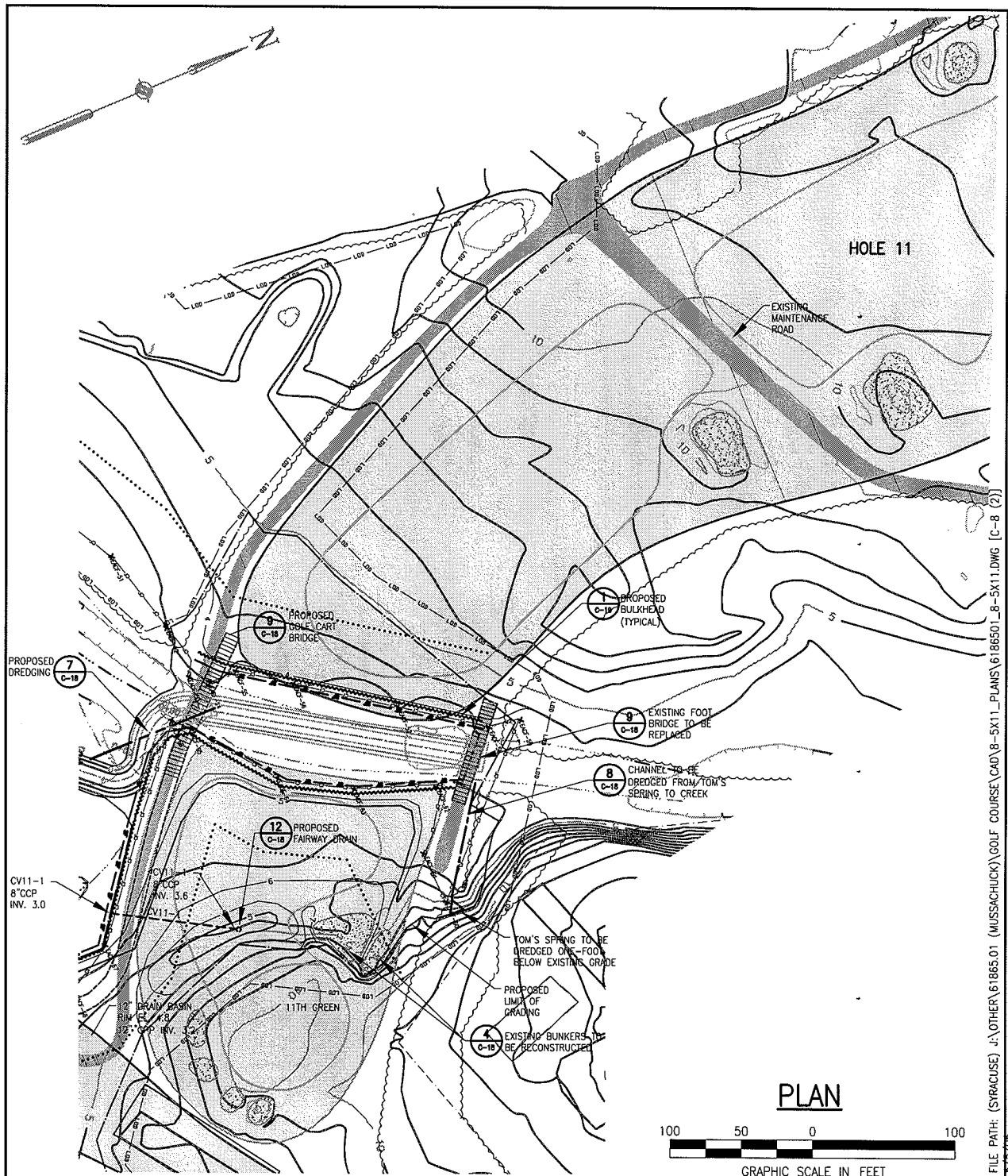


2350 Post Road
Warwick, RI 02886
(401) 736-3440

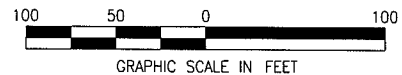
RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI

HOLE 7

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-6
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	---------------



PLAN



FILE PATH: (SYRACUSE) \J:\OTHER\61865.01 (MUSSACHUSETTS) GOLF COURSE CAD\8-SX11_PLANS\6186501_8-SX11.DWG [C-8 (2)] 6/27/06

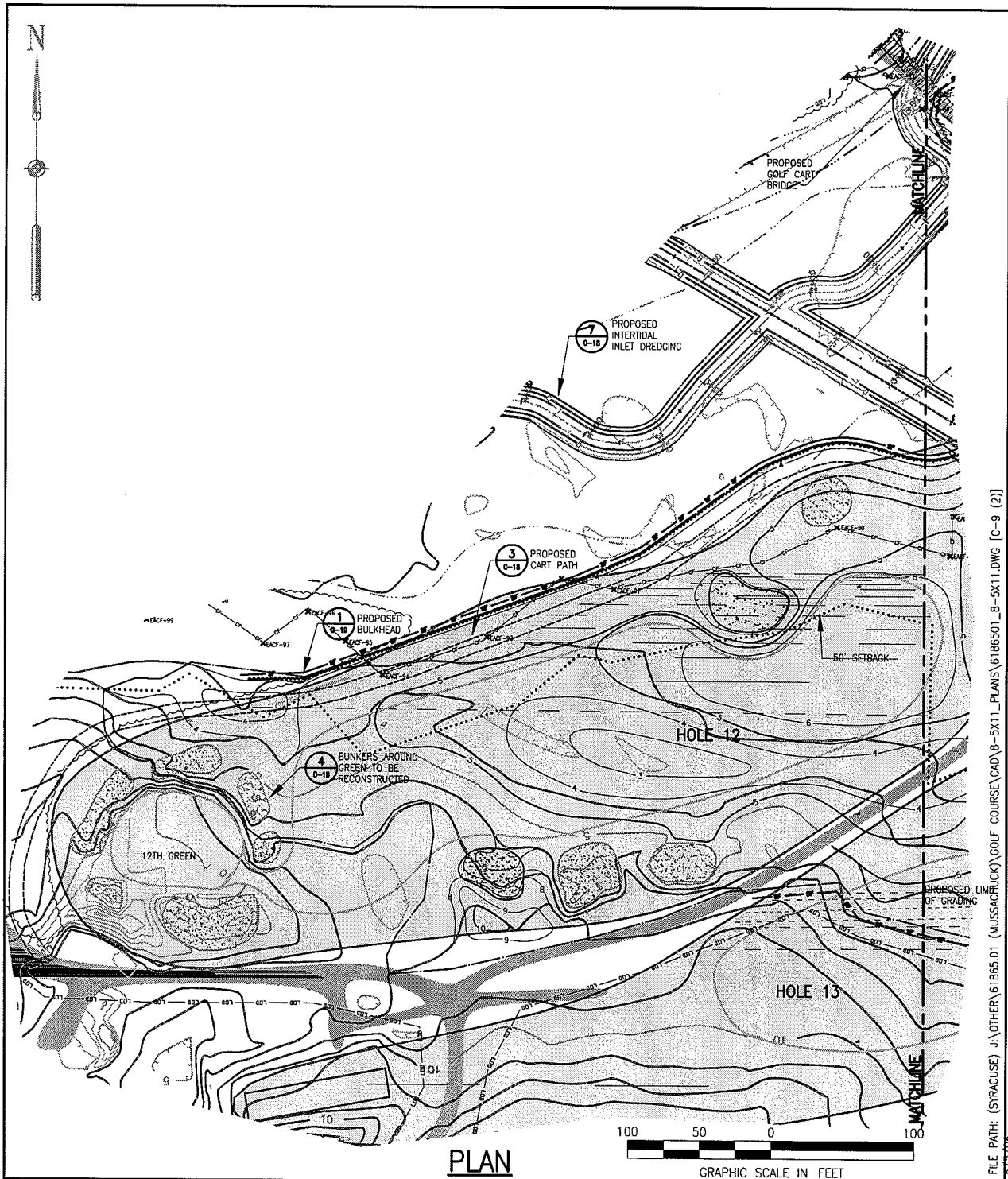


2350 Post Road
Warwick, RI 02886
(401) 736-3440

RHODE ISLAND COUNTRY CLUB
RESTORATION PROJECT
BARRINGTON, RI

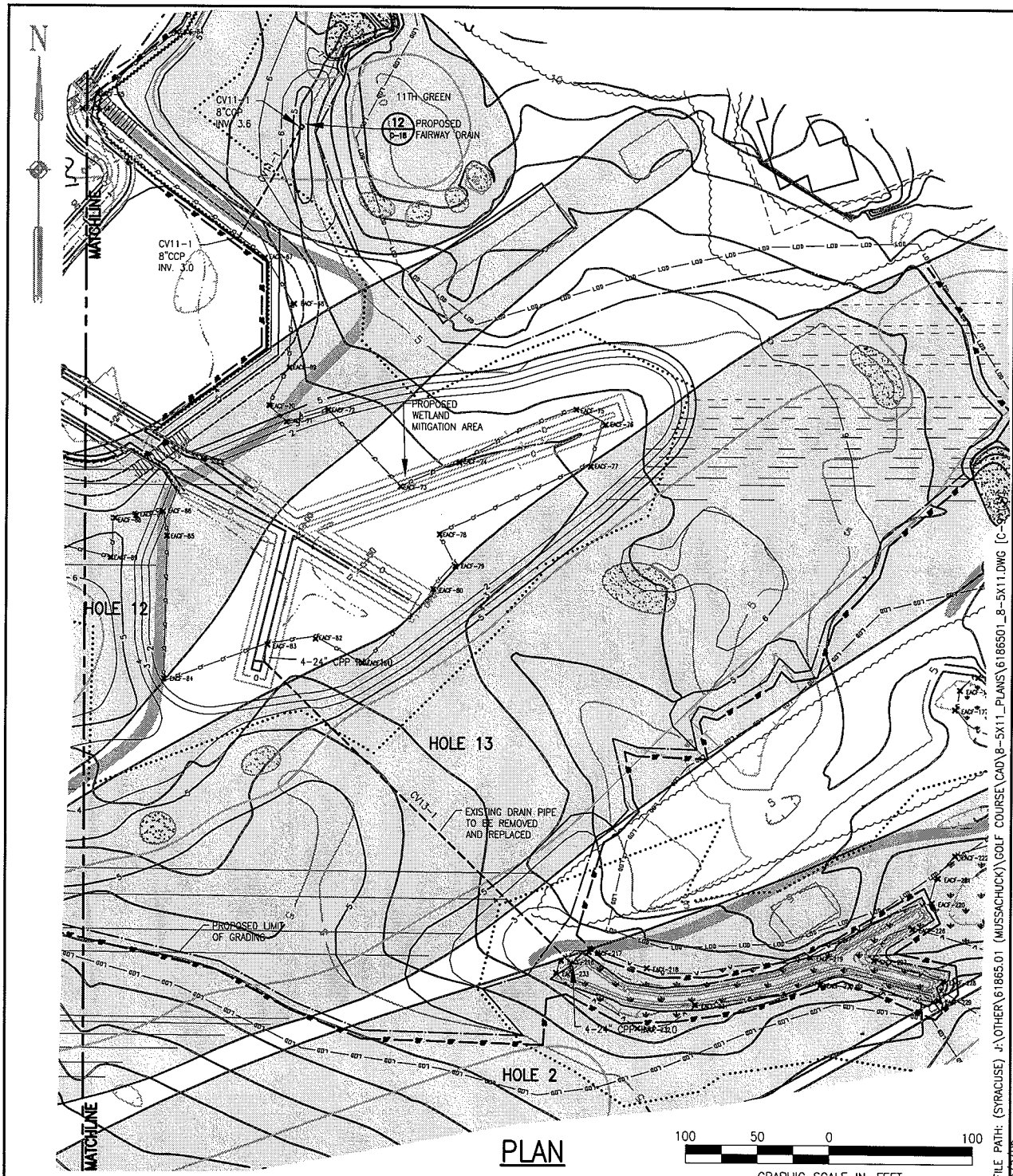
HOLE 11

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-8
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	---------------




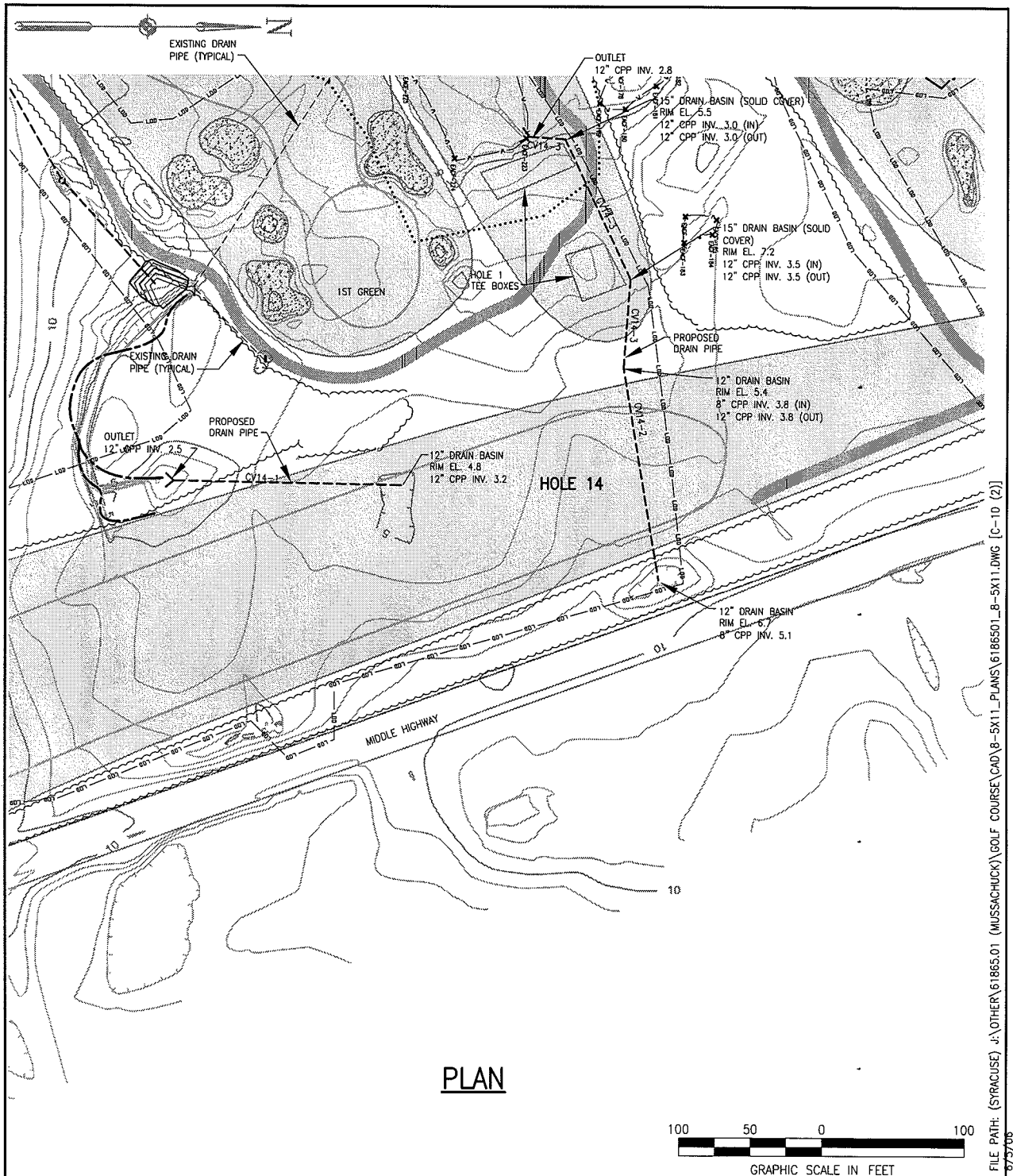
FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MUSSACAPLOCK)\GOLF COURSE\CAD\8-5X11_PLANS\6186501_8-5X11.DWG [C-9 (2)]
07/27/06

EA [®] 2350 Post Road Warwick, RI 02886 (401) 736-3440		RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI			HOLES 12 AND 13		
PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-9A



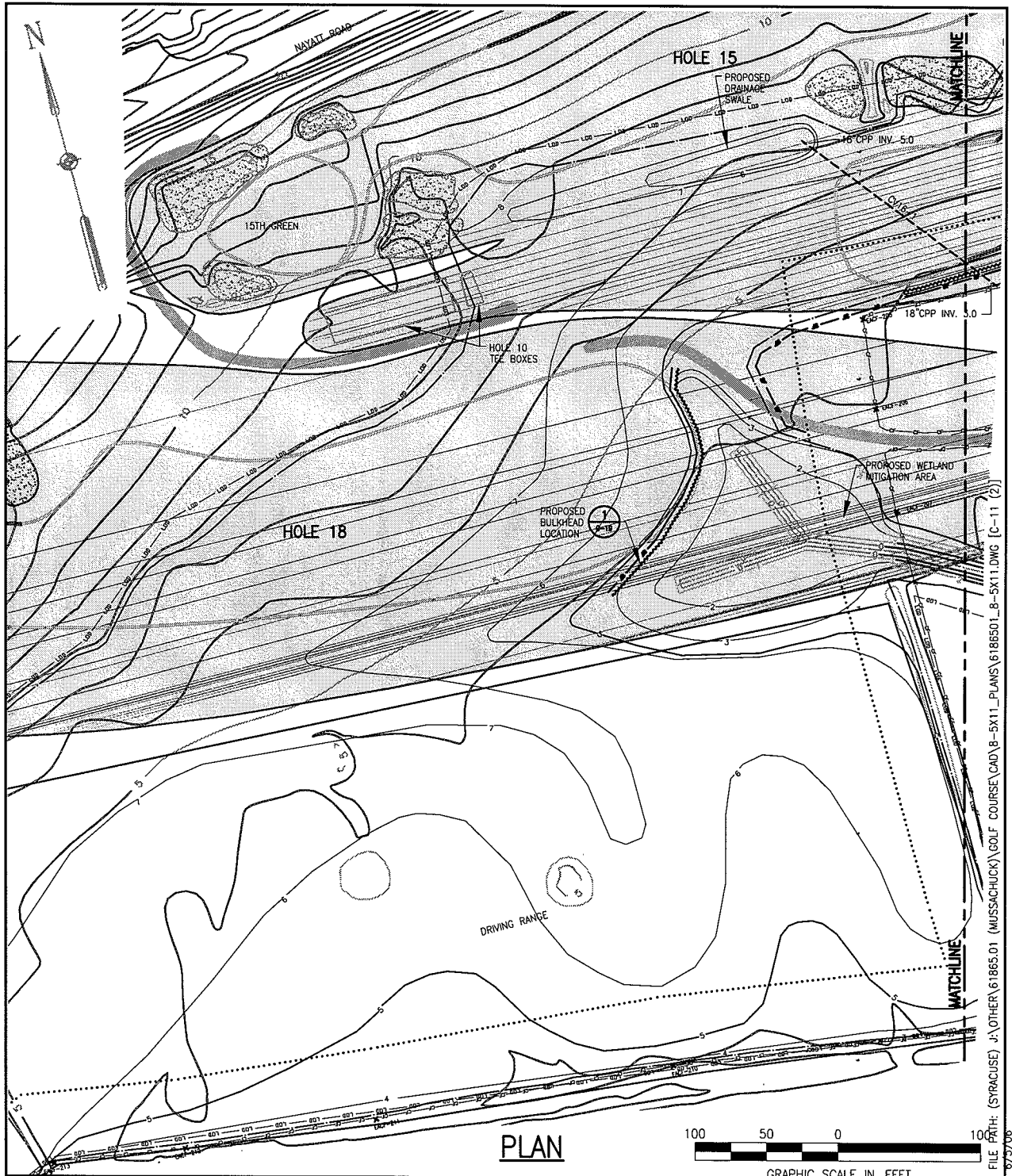
FILE PATH: (SYRACUSE) \A\OTHER\61865.01 (MUSSACHUCK) GOLF COURSE\CAD\B-5X11\PLANS\6186501_B-5X11.DWG [C-9B] 07/27/06

			RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI			HOLES 12 AND 13	
2350 Post Road Warwick, RI 02886 (401) 736-3440							
PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-9B



FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MUSSACHUSETTS)\GOLF COURSE\CAD\8-5X11_PLANS\6186501_8-5X11.DWG [C-10 (2)] 9/27/06

EA [®] 2350 Post Road Warwick, RI 02886 (401) 736-3440		RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI			HOLE 14		
PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-10



2350 Post Road
Warwick, RI 02886
(401) 736-3440

RHODE ISLAND COUNTRY CLUB
RESTORATION PROJECT
BARRINGTON, RI

HOLES
15, 16, 17, AND 18

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-11A
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	-----------------



FILE PATH: (SYRACUSE) \A\OTHER\61865.01 (MUSSACHUSETTS)\GOLF COURSE\CAD\8-SX11_PLANS\6186501_8-SX11.DWG [C-11 (3)]
6/27/06

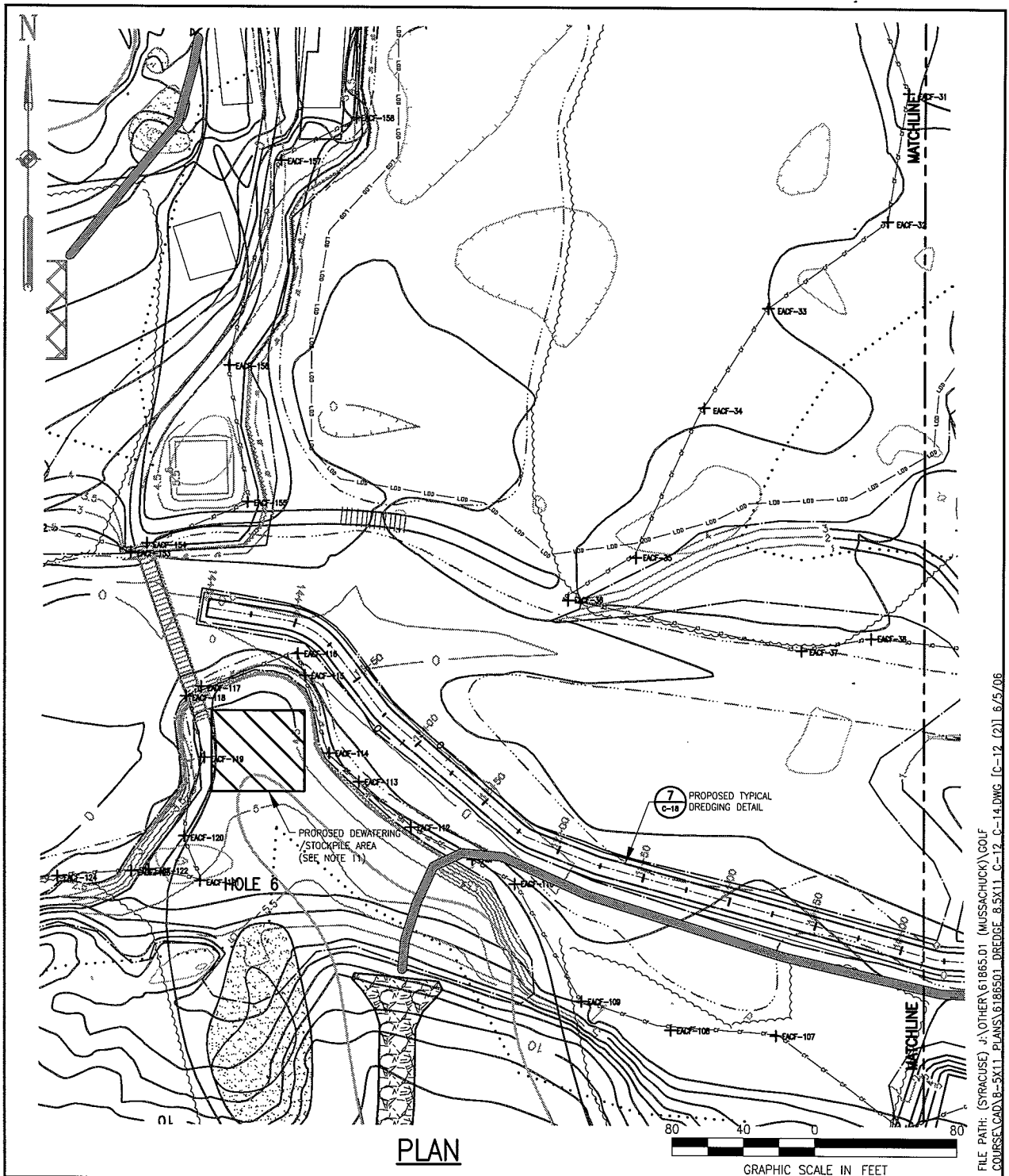


2350 Post Road
Warwick, RI 02886
(401) 736-3440

**RHODE ISLAND COUNTRY CLUB
RESTORATION PROJECT**
BARRINGTON, RI

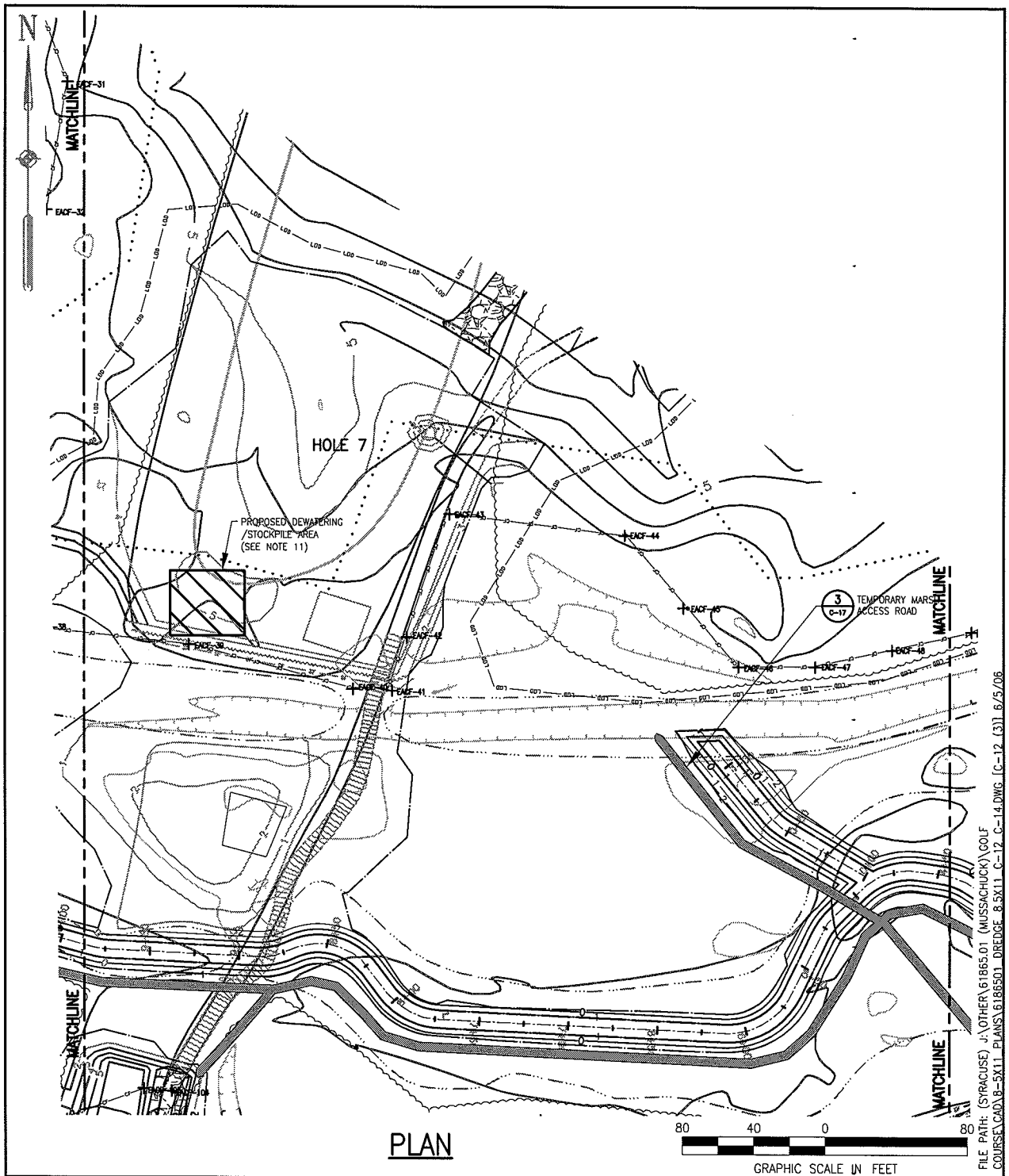
**HOLES
15, 16, 17, AND 18**

PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01-	FIGURE C-11B
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	-------------------------	-----------------



FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MUSSACHUSETTS) GOLF
 COURSE\CAD\8-5X11 PLANS\6186501.DREDGE_8.5X11_C-12_C-14.DWG [C-12] 6/5/06

EA [®]		2350 Post Road Warwick, RI 02886 (401) 736-3440		RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI		WEST DREDGING PLAN	
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO	FIGURE
SW	BMS	WEL	TC	AS SHOWN	5-11-06	61865.01	C-12A

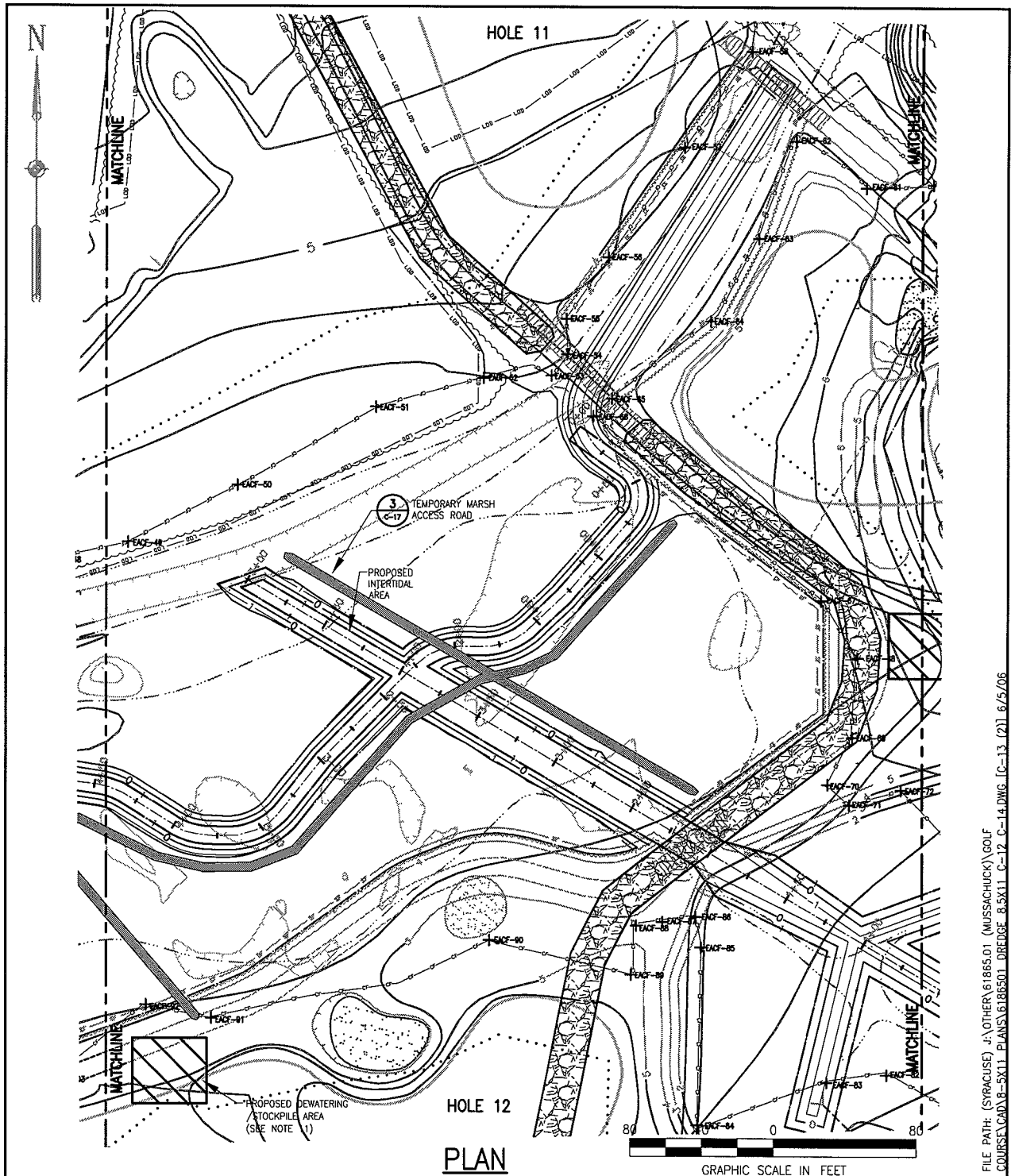


2350 Post Road
Warwick, RI 02886
(401) 736-3440

RHODE ISLAND COUNTRY CLUB
RESTORATION PROJECT
BARRINGTON, RI

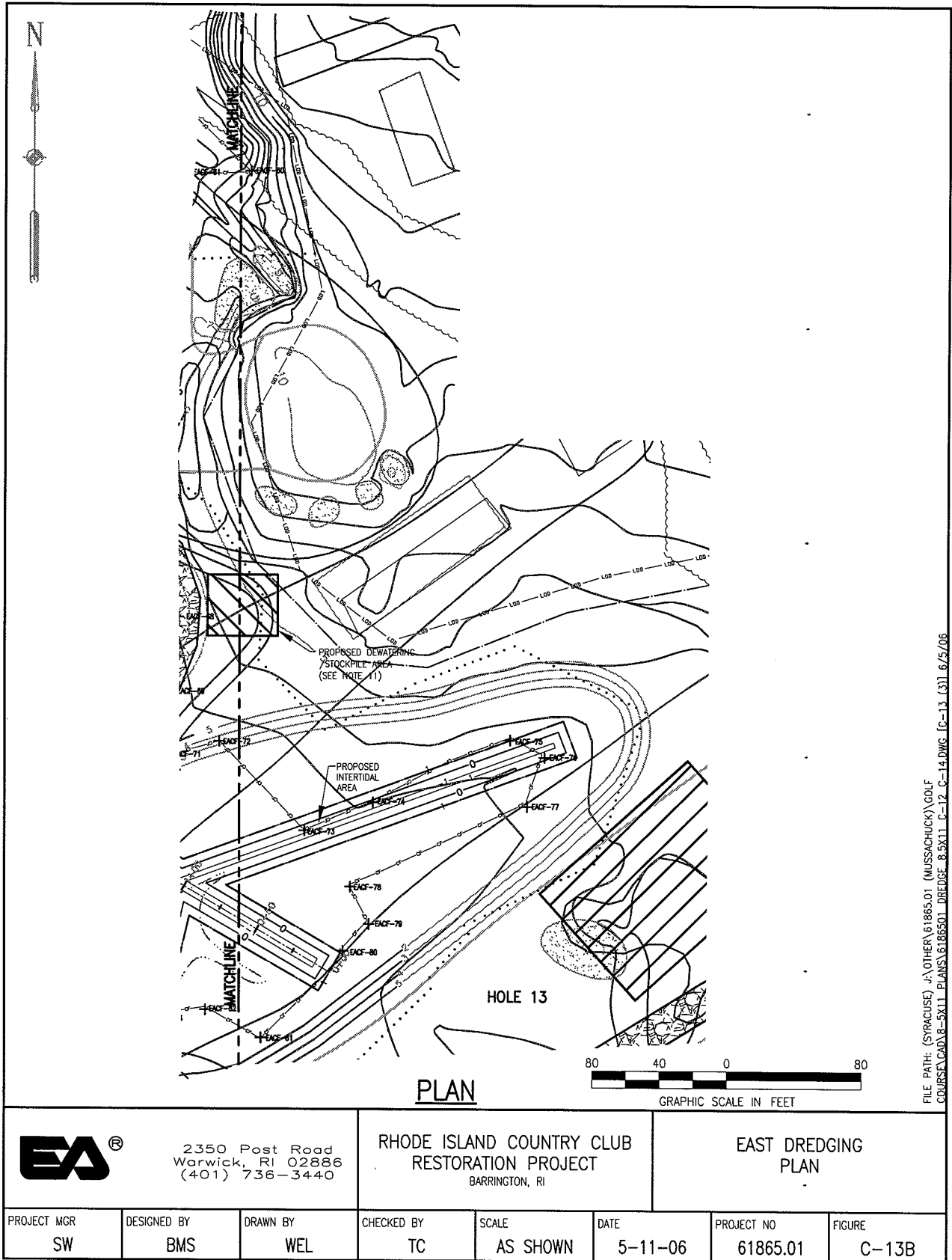
WEST
DREDGING
PLAN

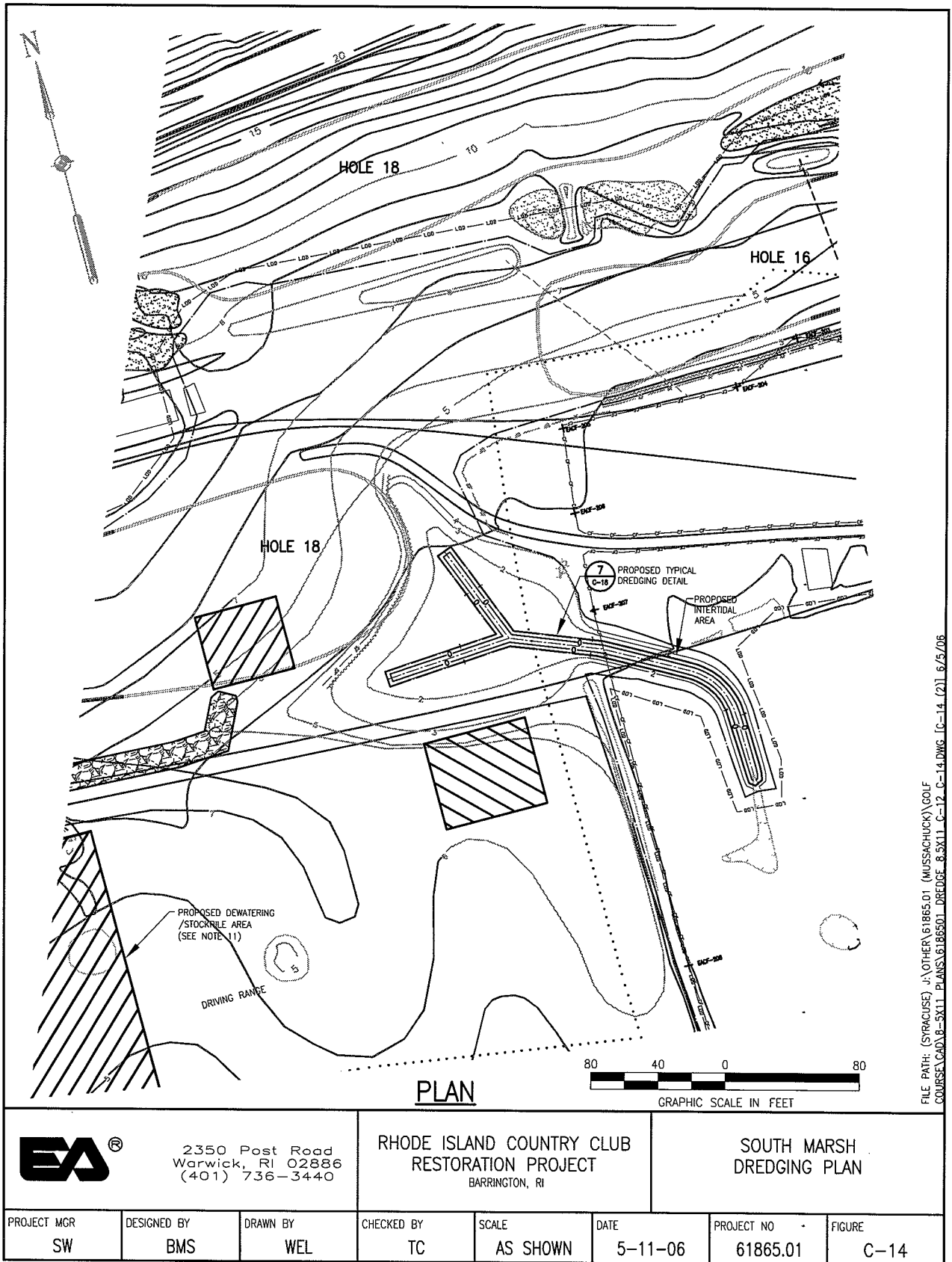
PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-12B
-------------------	--------------------	-----------------	------------------	-------------------	-----------------	------------------------	-----------------

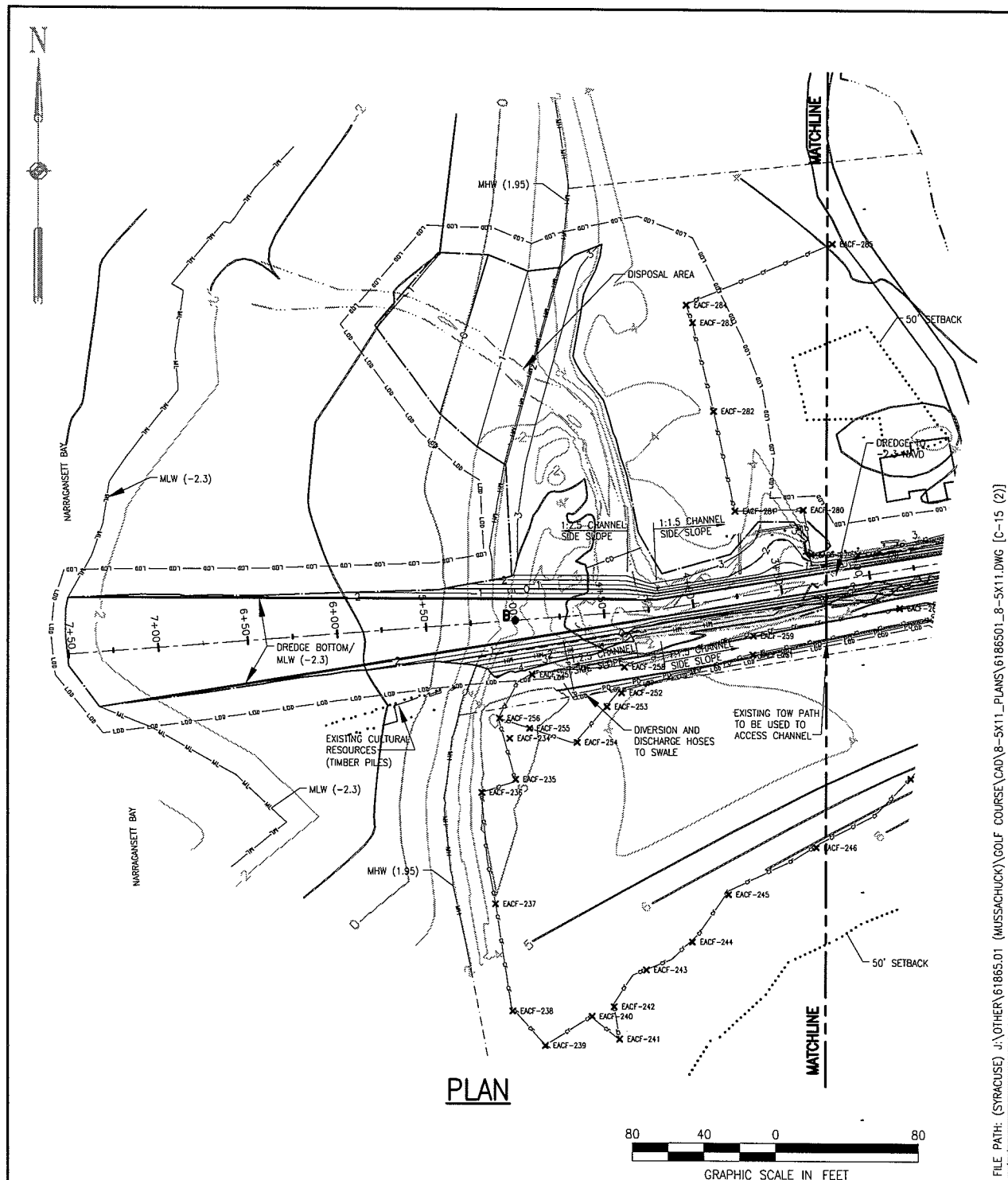


FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MUSSACHUSETTS)\GOLF COURSE\CAD\B-5X11 PLANS\6186501 DREDGE B-5X11 C-12 C-14.DWG [C-13 (2)] 6/5/06


EA [®] 2350 Post Road Warwick, RI 02886 (401) 736-3440		RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI			EAST DREDGING PLAN		
PROJECT MGR SW	DESIGNED BY BMS	DRAWN BY WEL	CHECKED BY TC	SCALE AS SHOWN	DATE 5-11-06	PROJECT NO 61865.01	FIGURE C-13A

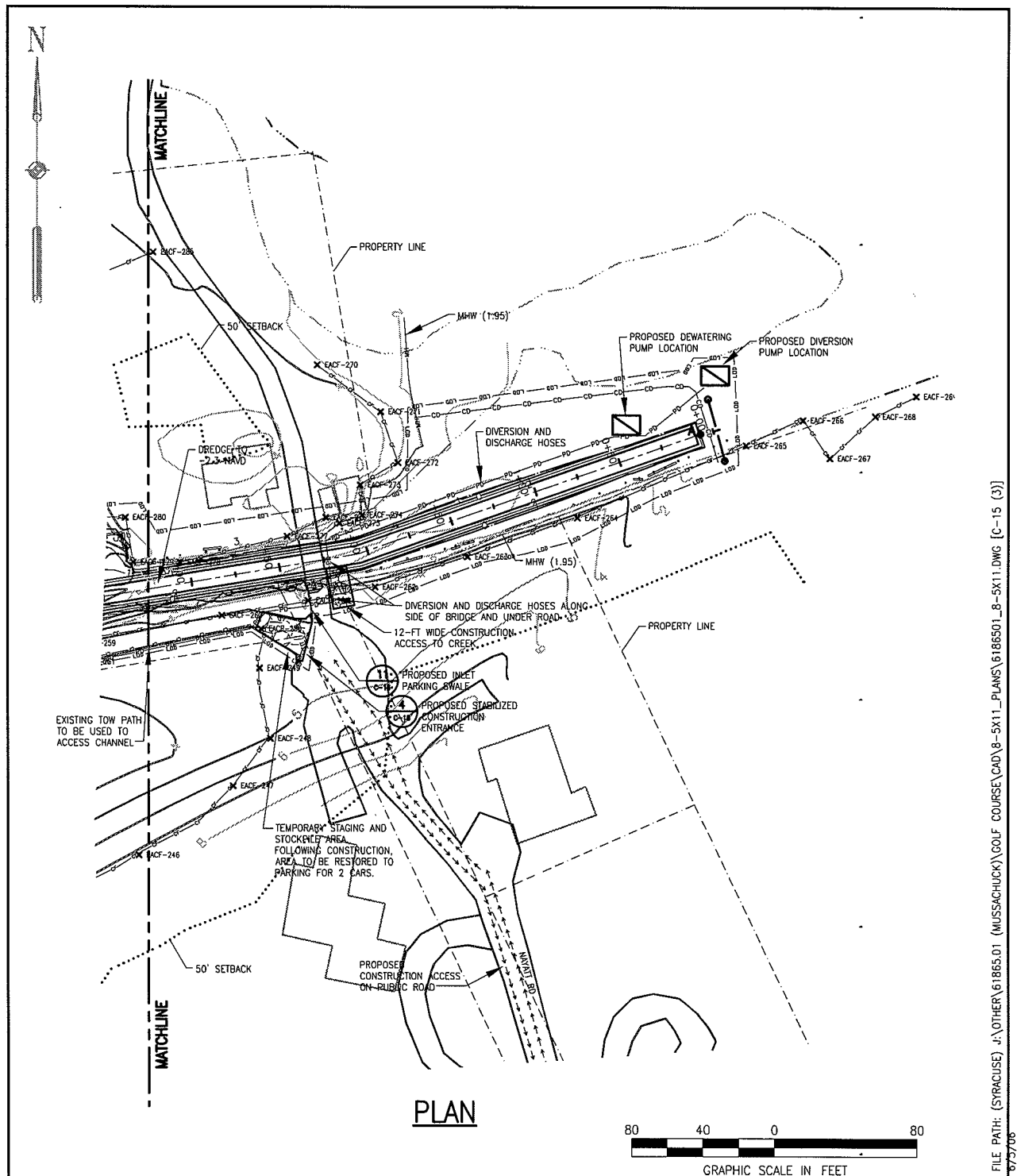






FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MASSACHUSETTS)\GOLF COURSE\CAD\8-5X11_PLANS\6186501_8-5X11.DWG [C-15 (2)]
07/27/06

 <p>2350 Post Road Warwick, RI 02886 (401) 736-3440</p>			<p>RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI</p>			<p>INLET MODIFICATIONS</p>	
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO	FIGURE
SW	BMS	WEL	TC	AS SHOWN	5-11-06	61865.01	C-15A



FILE PATH: (SYRACUSE) J:\OTHER\61865.01 (MUSSACHUSETTS)\GOLF COURSE\CAD\8-5X11_PLANS\6186501_8-5X11.DWG [C-15 (3)]
6/5/06

EA [®] 2350 Post Road Warwick, RI 02886 (401) 736-3440		RHODE ISLAND COUNTRY CLUB RESTORATION PROJECT BARRINGTON, RI			INLET MODIFICATIONS		
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO	FIGURE
SW	BMS	WEL	TC	AS SHOWN	5-11-06	61865.01	C-15B